

# MATERIAL SAFETY DATA SHEET

## MSDS

DATE: 5-4-00

MSDS #: 522226

NEW [ ]

REVISED [X]

PURSELL INDUSTRIES, INC.  
1500 Urban Center Parkway, Suite 520  
Birmingham, AL 35242

EMERGENCY PHONE NUMBERS:

PURSELL: 1-800-874-8892

CHEMTREC: 1-800-424-9300

### SECTION - I - PRODUCT INFORMATION

PRODUCT NAME: Vigoro Premium Texas Turf Fertilizer 15-5-10

PRODUCT NUMBER(s): 511908

CHEMICAL NAME: Polymer coated Urea, Polymer-coated Sulfur-coated Urea, Urea, Diammonium Phosphate, Muriate of Potash and Ferrous Sulfate

CHEMICAL CLASS: Fertilizer Compound

NFPA RATING: Health - 1 Flammability - 0 Reactivity - 0 Special - None

NFPA CODES: 0=Least 1=Slight 2=Moderate 3=High 4=Extreme

### SECTION - II - INGREDIENT INFORMATION

INGREDIENT	CAS NUMBER	PEL	TLV	% BY WEIGHT
Inert components	Mixture		10mg/m <sup>3</sup>	100.00

### SECTION - III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA

Bulk Density: 60.7 lb/ft<sup>3</sup>

Vapor Pressure (mmHg): NA

Melting Point: NA

Vapor Density (Air =1): NA

Evaporation Rate (Butyl Acetate=1): NA

Solubility in Water: Fertilizer chemicals are water-soluble. Polyurethane coating is water insoluble.

Appearance and Odor: Yellow, brown, white, green and/or beige fertilizer granules. Slight fertilizer salt odor.

### SECTION - IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NA Flammable Limits: LEL: NA UEL: NA

Extinguishing Media: Water spray, dry chemical, CO<sub>2</sub>, sand, or fine earth. Material is essentially non-flammable.

Special Fire Fighting Procedures: Wear full protective clothing and self-contained breathing apparatus. Short-term exposure to smoke, fumes, and gases can lead to irreversible lung injury without early signs and symptoms. Use extinguishing media suitable for the surrounding fire. Evacuate downwind if large quantities are involved in fire.

Unusual Fire and Explosion Hazards: Burning products may produce irritating or poisonous gases. Run-off from fire control area or dilution water may cause pollution. If surface water is contaminated, contact local authorities.

### SECTION - V - REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to avoid): Store separately from acids and bases.

Hazardous Decomposition or Byproducts: Thermal degradation may produce: Ammonia, cyanuric acid, biuret, hydrogen cyanide, nitrogen oxides, chlorine gas and sulfur oxides.

Hazardous Polymerization: Will not occur.

### SECTION - VI - HEALTH HAZARD DATA

#### ACUTE AND CHRONIC HEALTH HAZARDS / EMERGENCY AND FIRST AID PROCEDURES

Route(s) of entry: Contact; Inhalation; Ingestion

Eyes: May cause moderate irritation. If eye contact occurs, flush eyes with running water for 15 minutes, holding lids open.

Skin: May cause moderate irritation. Wash with soap and water if irritation occurs.

Inhalation: May cause moderate irritation to the nose, throat, and lungs. If prolonged inhalation of dust occurs, remove to fresh air.

Ingestion: Seek medical attention immediately. Call a physician. The telephone number for the National Poison Control Center is (202) 625-3333. May cause headache, nausea, and vomiting. If ingested and the person is conscious, give 1 or 2 glasses of water to drink, and induce vomiting.

Signs and Symptoms of Exposure: Irritation to eyes, skin, or respiratory tract. No chronic health effects data have been established.

Other Health Warnings: Call a physician if irritation persists. Wash hands with soap and water after handling.

Notes to physicians: Treat symptomatically.

**SECTION - VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**Storage:** Store in original container in a cool dry area. Keep out of reach of children and domestic animals. Store separately from feed, food, pesticides, seeds and other fertilizers so that cross contamination does not occur.

**Procedures in case of spill or release:** If material is uncontaminated, collect and reuse as recommended for product. Avoid dusts, or use NIOSH/MSHA approved respirator if dust levels exceed  $10 \text{ mg/m}^3$ . Empty containers may be disposed of in licensed sanitary landfill. Do not reuse bag.

**Waste Disposal Method:** Apply as fertilizer if uncontaminated. If contaminated, dispose of in accordance with all Federal, State, and Local laws.

**Other Precautions:** Washing facilities should be available. Do not apply when weather conditions favor drift from target area.

**SECTION - VIII - CONTROL MEASURES**

**Ventilation Requirements:** None required with normal use of this product.

**PERSONAL PROTECTIVE EQUIPMENT**

**Respiratory Protection:** None required with normal use of this product. -

**Protective Clothing:** None normally required. Those with unusually sensitive skin should wear long sleeves, long pants, and gloves.

**Eye Protection:** Use of safety glasses with side shields is recommended.

**SECTION - IX - ADDITIONAL INFORMATION**

This product contains a plant food. However, large spills could possibly kill vegetation or cause illness in animals. Contamination of waterways may cause fish kill. Keep animals away from large spills.

**SECTION - X- SARA TITLE III REQUIREMENTS**

Section 302 Extremely Hazardous Substances: No

Section 311/312 Hazardous Substances: No

Section 313 Toxic Chemicals: No

Carcinogenic Compound(s) (IARC/NTP/OSHA/ACGIH): None

**OTHER PRECAUTIONS AND COMMENTS**

The information in this Material Safety Data Sheet is believed to accurately reflect the scientific evidence used in making the hazard determination. It is considered only as a guide, and not a warranty or representation for which we assume legal responsibility. Independent decisions must be made on the suitability and use of this product dependent on variable storage conditions or locally applicable laws or government regulations. The buyer and user assumes all risk and liability of storage, handling, and use of this product not in accordance with the terms of the product label.

**NA = NOT APPLICABLE**

**NI = NON INDICATED**

**PURSELL INDUSTRIES, INC.**

Contact: Customer Service

Telephone: 1-800-874-8892

(205) 968-6000